

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM040323\
 Data File : BM039284.D
 Acq On : 03 Apr 2023 18:13
 Operator : CG/JU
 Sample : 02161-01
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Quant Time: Apr 04 02:28:45 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM032923.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 31 17:03:41 2023
 Response via : Initial Calibration

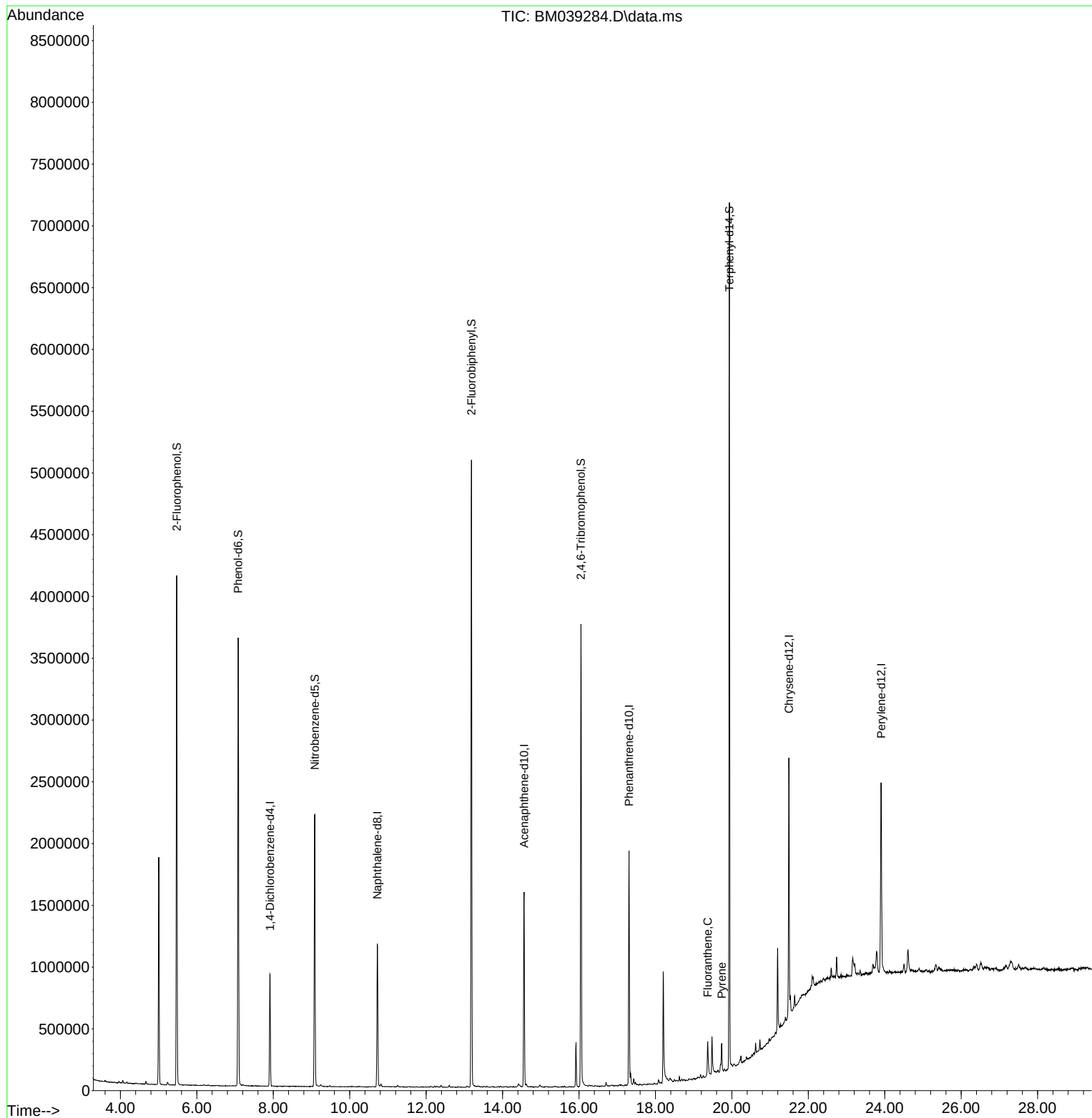
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

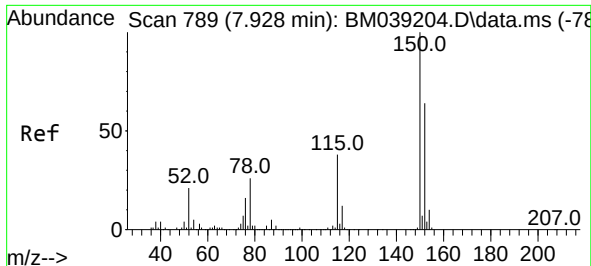
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.916	152	244953	20.000	ng	0.00
21) Naphthalene-d8	10.722	136	951607	20.000	ng	0.00
39) Acenaphthene-d10	14.562	164	539516	20.000	ng	0.00
64) Phenanthrene-d10	17.309	188	1071440	20.000	ng	0.00
76) Chrysene-d12	21.491	240	907320	20.000	ng	0.00
86) Perylene-d12	23.903	264	1101554	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.475	112	1722657	105.953	ng	0.00
7) Phenol-d6	7.081	99	2144541	101.979	ng	0.00
23) Nitrobenzene-d5	9.086	82	1297654	66.276	ng	0.00
42) 2,4,6-Tribromophenol	16.051	330	663981	96.951	ng	0.00
45) 2-Fluorobiphenyl	13.186	172	2474309	62.138	ng	0.00
79) Terphenyl-d14	19.933	244	3213231	65.430	ng	0.00
Target Compounds						
75) Fluoranthene	19.368	202	136386	2.039	ng	99
78) Pyrene	19.733	202	132175	2.046	ng	99

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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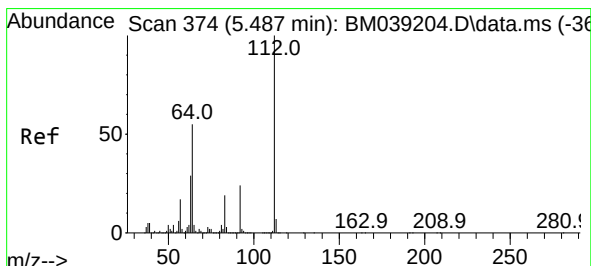
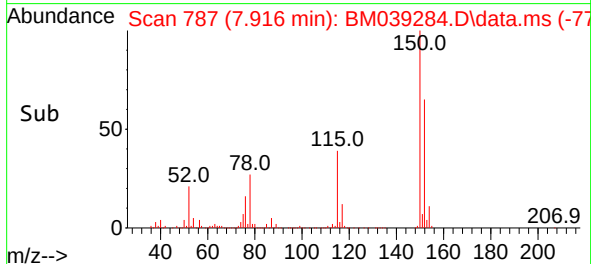
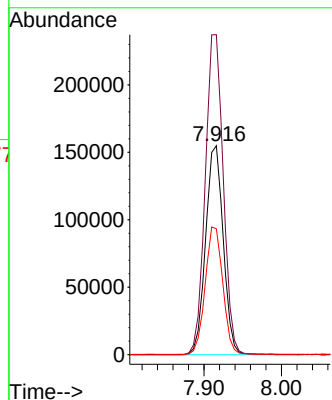
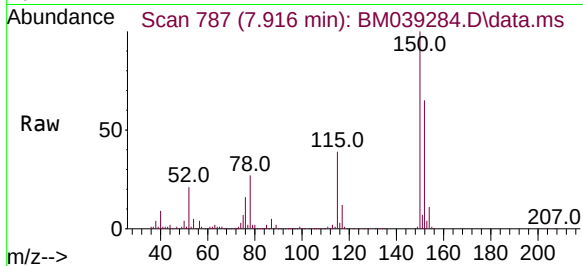
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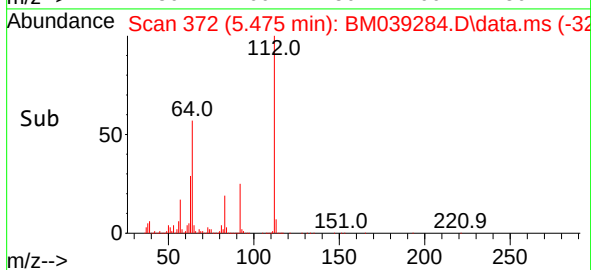
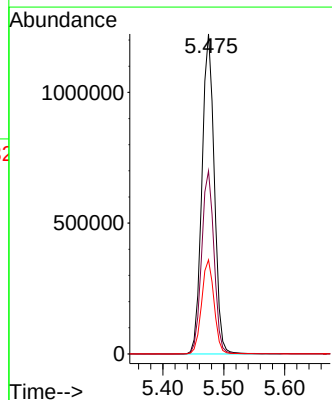
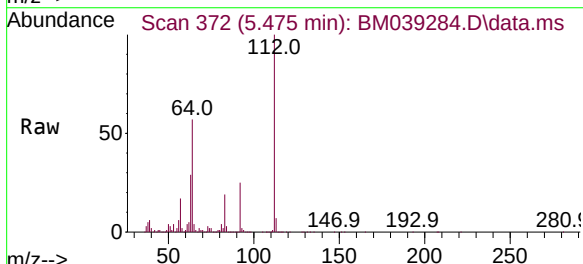
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.916 min Scan# 787
Delta R.T. -0.000 min
Lab File: BM039284.D
Acq: 03 Apr 2023 18:13

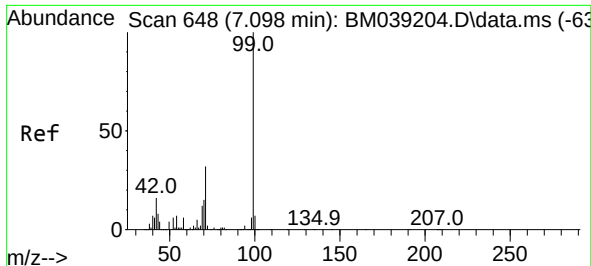
Tgt Ion:152 Resp: 244953
Ion Ratio Lower Upper
152 100
150 153.2 125.5 188.3
115 60.2 48.1 72.1



#5
2-Fluorophenol
Concen: 105.953 ng
RT: 5.475 min Scan# 372
Delta R.T. -0.000 min
Lab File: BM039284.D
Acq: 03 Apr 2023 18:13

Tgt Ion:112 Resp: 1722657
Ion Ratio Lower Upper
112 100
64 57.2 44.3 66.5
63 29.4 23.0 34.6

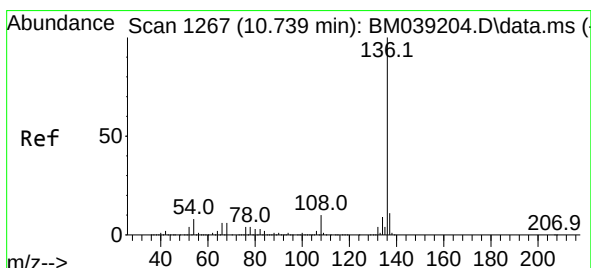
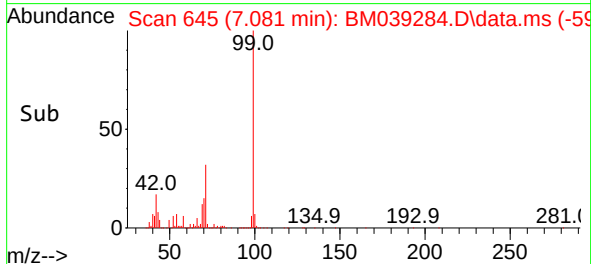
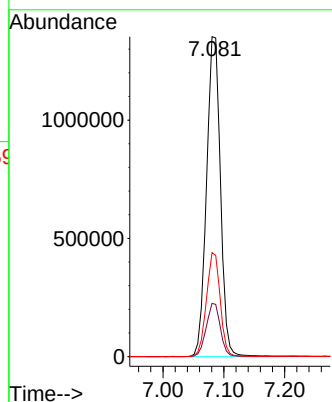
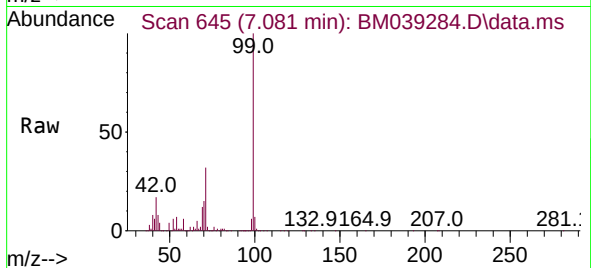




#7
Phenol-d6
Concen: 101.979 ng
RT: 7.081 min Scan# 645
Delta R.T. -0.006 min
Lab File: BM039284.D
Acq: 03 Apr 2023 18:13

Tgt Ion: 99 Resp: 2144541

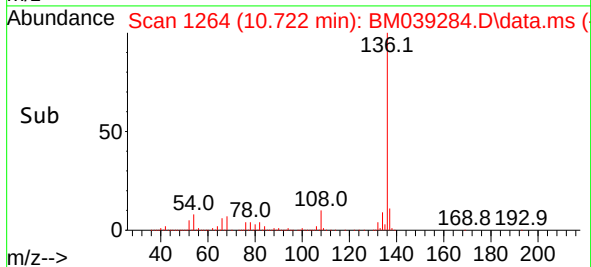
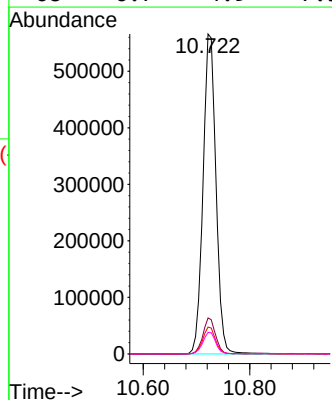
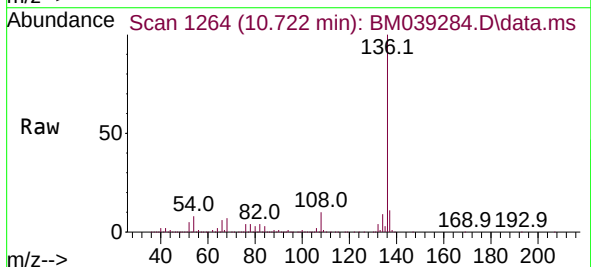
Ion	Ratio	Lower	Upper
99	100		
42	16.6	13.0	19.6
71	32.5	25.5	38.3

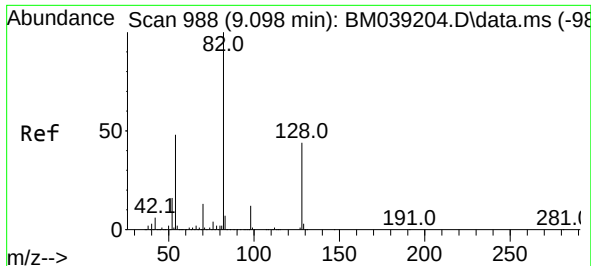


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.722 min Scan# 1264
Delta R.T. -0.006 min
Lab File: BM039284.D
Acq: 03 Apr 2023 18:13

Tgt Ion: 136 Resp: 951607

Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.9	13.3
54	8.4	6.2	9.4
68	6.7	4.9	7.3





#23

Nitrobenzene-d5

Concen: 66.276 ng

RT: 9.086 min Scan# 986

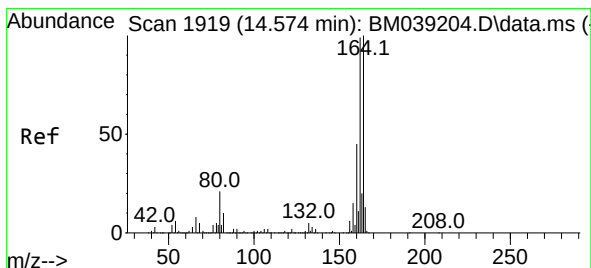
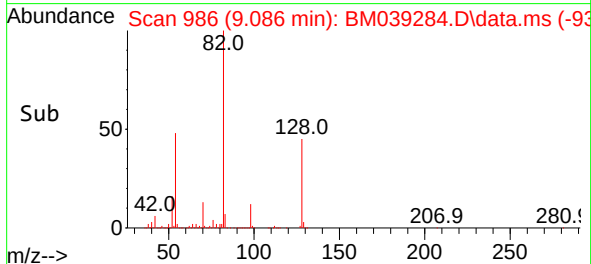
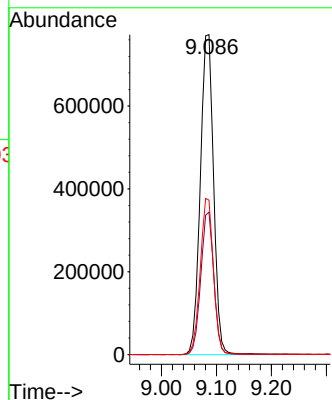
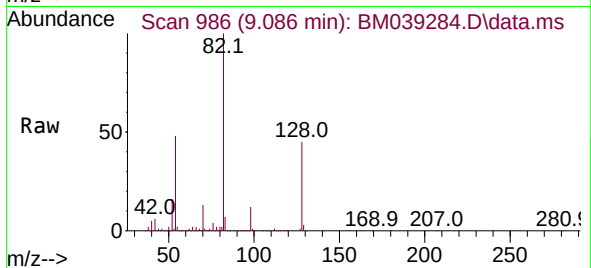
Delta R.T. -0.001 min

Lab File: BM039284.D

Acq: 03 Apr 2023 18:13

Tgt Ion: 82 Resp: 1297654

Ion	Ratio	Lower	Upper
82	100		
128	44.5	35.1	52.7
54	48.3	38.5	57.7



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.562 min Scan# 1917

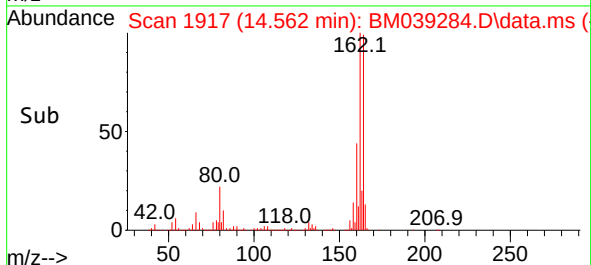
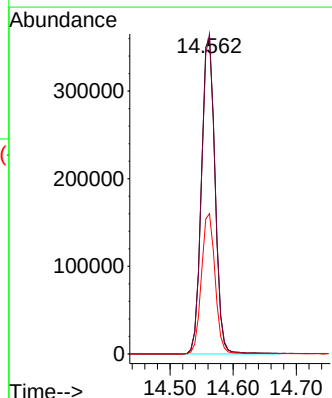
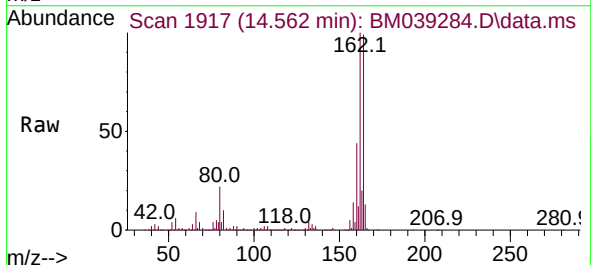
Delta R.T. -0.001 min

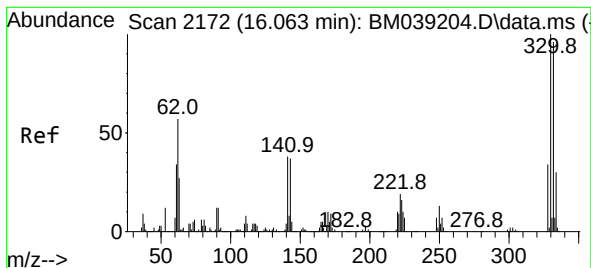
Lab File: BM039284.D

Acq: 03 Apr 2023 18:13

Tgt Ion: 164 Resp: 539516

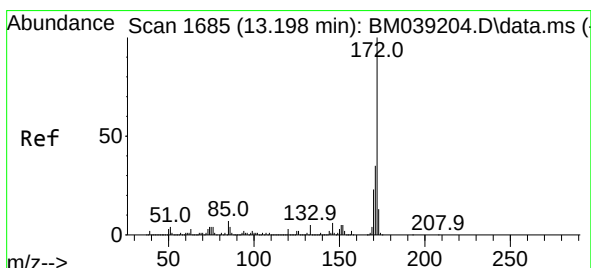
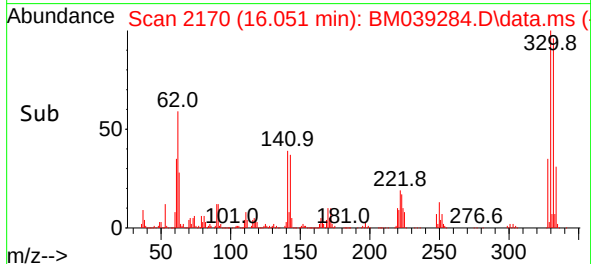
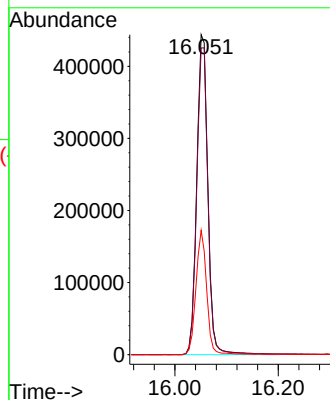
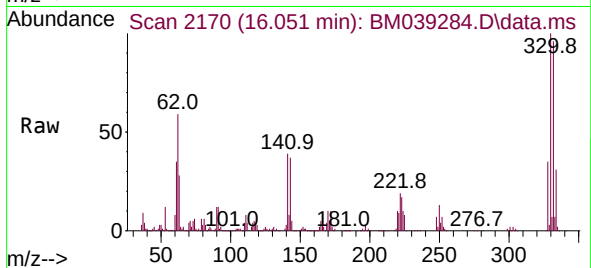
Ion	Ratio	Lower	Upper
164	100		
162	101.2	79.1	118.7
160	44.4	35.8	53.8





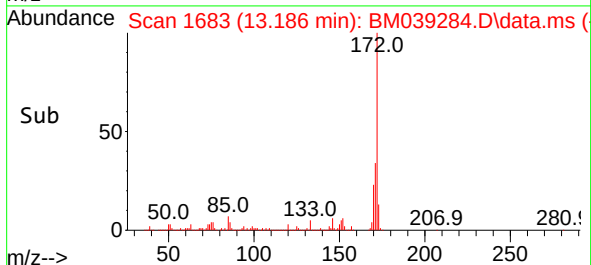
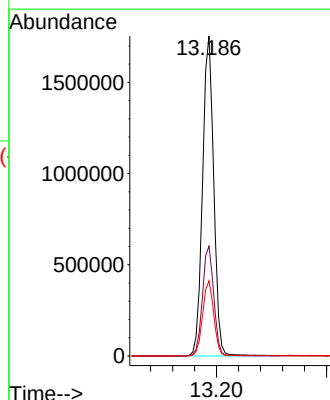
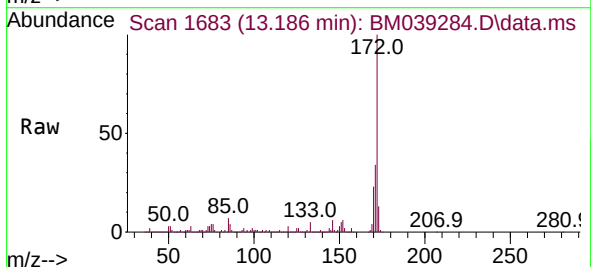
#42
2,4,6-Tribromophenol
Concen: 96.951 ng
RT: 16.051 min Scan# 2170
Delta R.T. -0.006 min
Lab File: BM039284.D
Acq: 03 Apr 2023 18:13

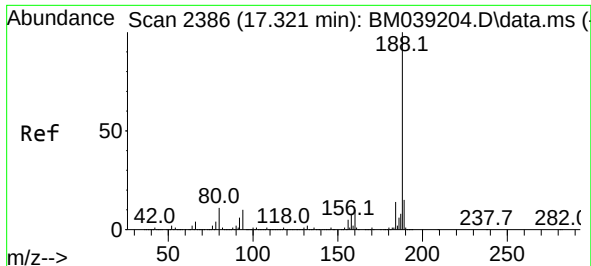
Tgt Ion:330 Resp: 663981
Ion Ratio Lower Upper
330 100
332 96.7 77.4 116.0
141 37.3 29.8 44.6



#45
2-Fluorobiphenyl
Concen: 62.138 ng
RT: 13.186 min Scan# 1683
Delta R.T. -0.001 min
Lab File: BM039284.D
Acq: 03 Apr 2023 18:13

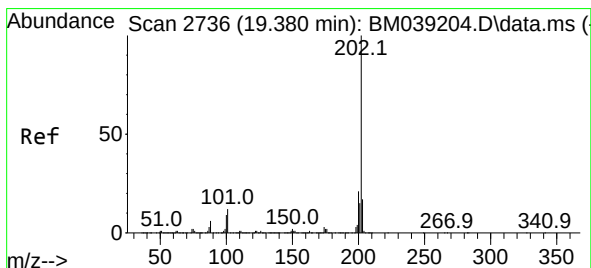
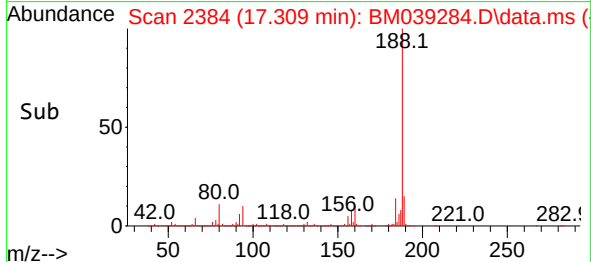
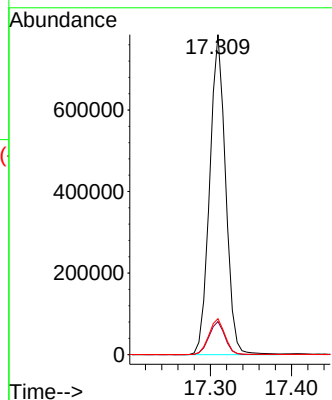
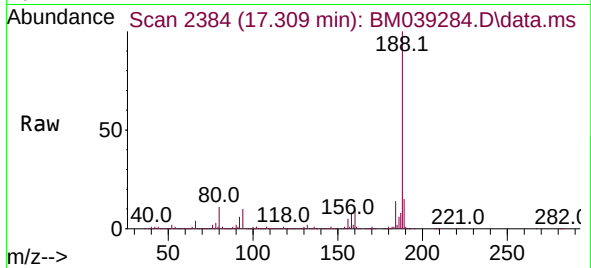
Tgt Ion:172 Resp: 2474309
Ion Ratio Lower Upper
172 100
171 34.3 28.0 42.0
170 23.5 18.7 28.1





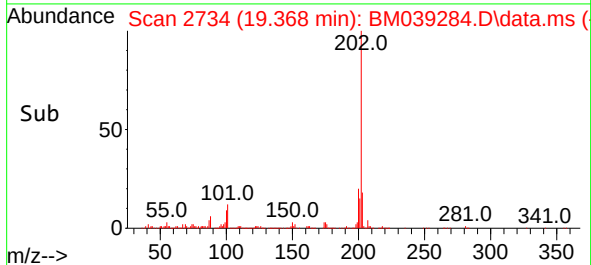
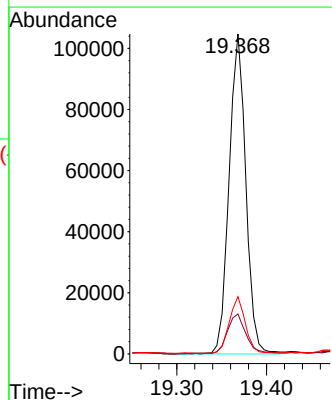
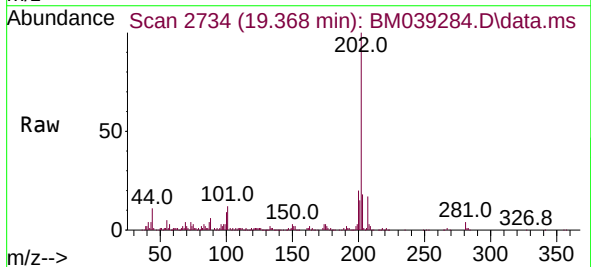
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.309 min Scan# 2384
Delta R.T. -0.001 min
Lab File: BM039284.D
Acq: 03 Apr 2023 18:13

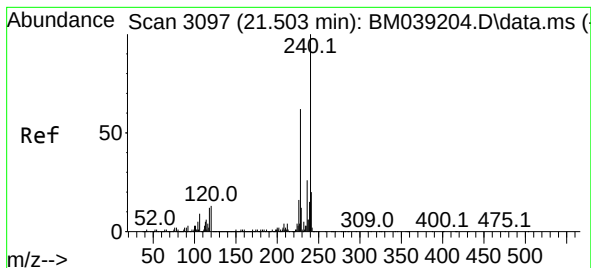
Tgt Ion:188 Resp: 1071440
Ion Ratio Lower Upper
188 100
94 10.3 8.2 12.4
80 11.3 8.9 13.3



#75
Fluoranthene
Concen: 2.039 ng
RT: 19.368 min Scan# 2734
Delta R.T. -0.000 min
Lab File: BM039284.D
Acq: 03 Apr 2023 18:13

Tgt Ion:202 Resp: 136386
Ion Ratio Lower Upper
202 100
101 12.5 0.0 32.5
203 17.9 0.0 37.5





#76

Chrysene-d12

Concen: 20.000 ng

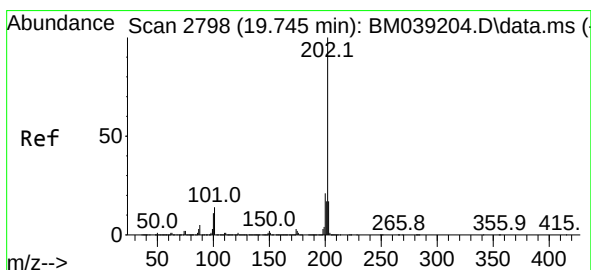
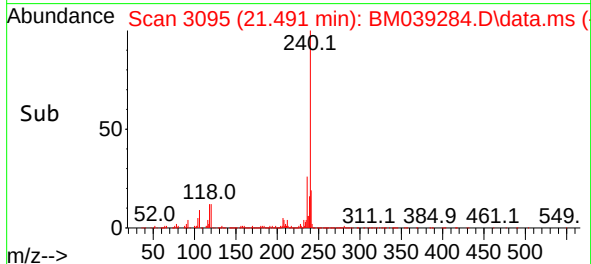
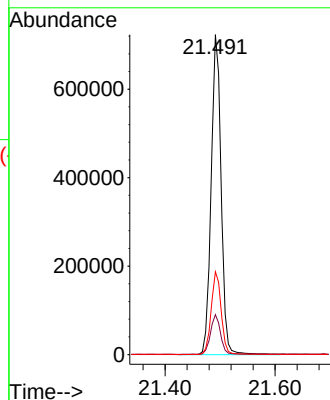
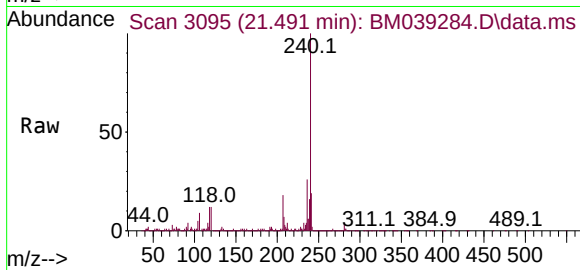
RT: 21.491 min Scan# 3095

Delta R.T. -0.006 min

Lab File: BM039284.D

Acq: 03 Apr 2023 18:13

Tgt Ion:	240	Resp:	907320
Ion Ratio	Lower	Upper	
240	100		
120	12.5	10.2	15.2
236	25.9	20.9	31.3



#78

Pyrene

Concen: 2.046 ng

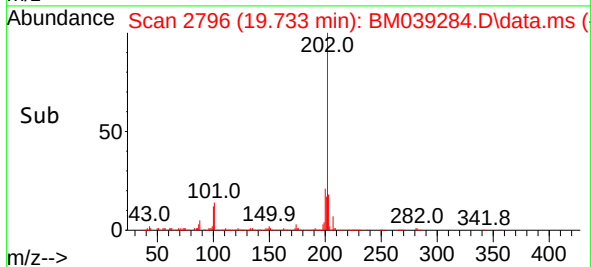
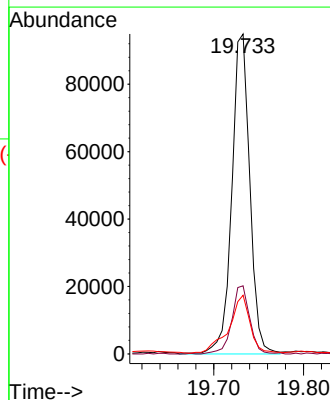
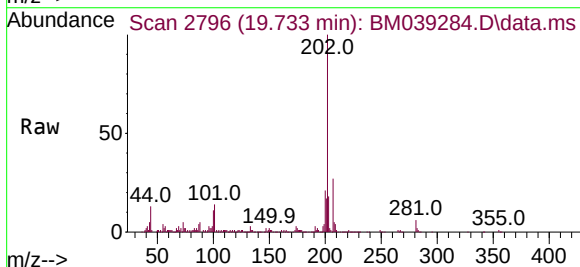
RT: 19.733 min Scan# 2796

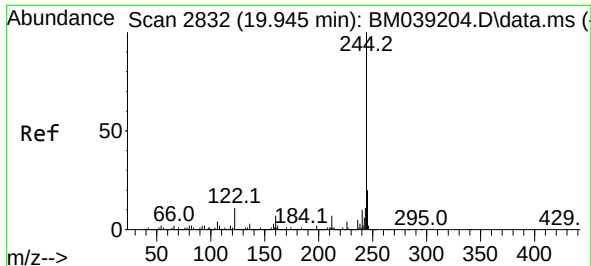
Delta R.T. -0.001 min

Lab File: BM039284.D

Acq: 03 Apr 2023 18:13

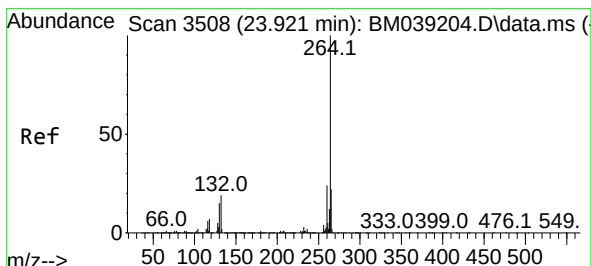
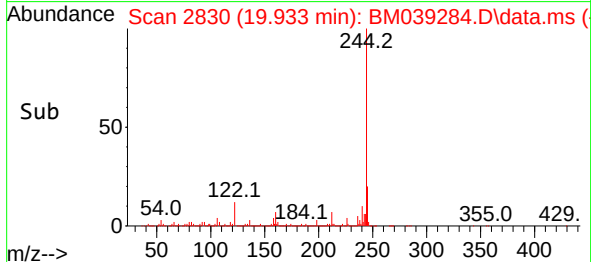
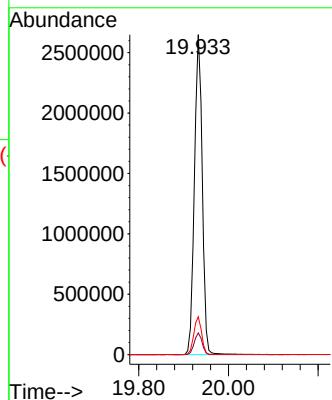
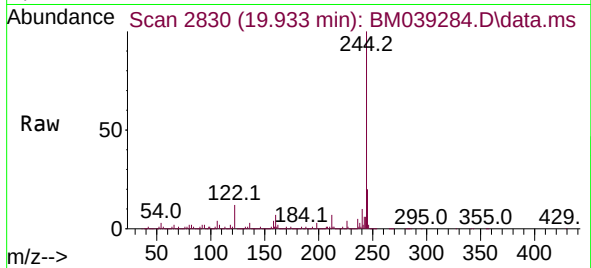
Tgt Ion:	202	Resp:	132175
Ion Ratio	Lower	Upper	
202	100		
200	21.3	17.1	25.7
203	18.3	13.9	20.9





#79
 Terphenyl-d14
 Concen: 65.430 ng
 RT: 19.933 min Scan# 2830
 Delta R.T. -0.000 min
 Lab File: BM039284.D
 Acq: 03 Apr 2023 18:13

Tgt Ion:244 Resp: 3213231
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.6 8.4
 122 11.8 9.1 13.7



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.903 min Scan# 3505
 Delta R.T. -0.000 min
 Lab File: BM039284.D
 Acq: 03 Apr 2023 18:13

Tgt Ion:264 Resp: 1101554
 Ion Ratio Lower Upper
 264 100
 260 24.0 19.0 28.6
 265 22.0 18.1 27.1

